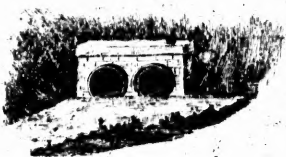


The Standard Drain Pipe Co.



St. Johns, N. J.

Manufacturers

DOUBLE-STRENGTH CULVERT PIPES

SPECIALIZED, IMPROVED PIPE



Double Strength Culvert Pipes are made of heavy iron pipe, and are recommended by the Chief Engineer of the City of New York, and by the Chief Engineer of the City of Boston, for their durability, and for the fact that they are more easily laid than any other kind of pipe.

For City Sewerage, where the soil is soft, or where the bottom is bad, they are highly recommended. The following is the specification of thickness and capacity of these pipes:

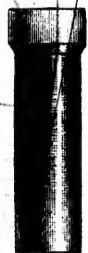
Thickness and Capacity

Thickness and Capacity

CERTIFICATES

PROMINENT CIVIC OFFICIALS AND EXPERTS

WILL BE FOUND ON INSIDE PAGE OF THIS SHEET



—: CERTIFICATES:—

FROM P. W. ST. GEORGE, ESQ., C. E., CITY SURVEYOR, MONTREAL.

CITY SURVEYOR'S OFFICE,

Montreal, May 7th, 1888.

W. C. Trotter, Manager Standard Drain Pipe Company, St. Johns:

DEAR SIR,—I herewith send you two tests made with your Pipes, on the 7th of March and of 3rd of May, 1888:

TESTING VITRIFIED CLAY PIPES, MARCH 7, 1888.							SMOKE TEST, MAY 3, 1888.	
Maker.	Size of Pipe.	No. Test.	Thickness.	Weight of Pipe in Lbs.	Breaking Wgt. in Lbs. to Square Inch.	Average.	Eight Lengths of Pipe and Three Junctions.	
Standard Drain Pipe Comp'y	12 in	1	1 inch	131 lbs	5764 lbs	5696 lbs	ST. JOHNS Leaked at one small hole.	
"	12 in	2	1 inch	130 lbs	5628 lbs			
"	9 in	3	3/4 inch	88 lbs	4812 lbs	5854 lbs	GARTCRAIG Leaked at sockets and junction of three junctions, and leaked in three lengths of pipe.	
"	9 in		3/4 inch	88 lbs	4876 lbs			
"	9 in		3/4 inch	88 lbs	5804 lbs			

Yours truly,

P. W. ST. GEORGE, City Surveyor.

FROM P. W. ST. GEORGE, ESQ., C. E.

CITY SURVEYOR'S OFFICE,

MONTREAL, Feb. 23, 1891.

W. C. Trotter, Esq., Pres. Standard Drain Pipe Co., St. Johns:

DEAR SIR,—In reply to your letter of the 18th inst., asking me my opinion in reference to the strength and durability of the Vitrified Tile Pipes and Inverts furnished by your company to the Road Department of the City of Montreal, I beg to say that it has been good. The test made as to crushing strength was most satisfactory, a proof of which is that we used in 1890:

Pipes of 4, 6, 9, 12 and 15 inch, - - 12,175
Bends, - - - - - 3,568
Inverts, - - - - - 26,244

Yours truly,

PERCIVAL W. ST. GEORGE,
City Surveyor.

FROM R. P. FLEMING, ESQ., C. E.

Engineer to the Sanitary Association of Montreal, and M.C.S.C.E.

MONTREAL SANITARY ASSOCIATION,

10th May, 1888.

W. C. Trotter, Esq., Manager Standard Drain Pipe Co., St. Johns:

DEAR SIR,—I have pleasure in testifying that I have tested your Vitrified Drain, both as regards crushing strength and freedom from kiln cracks and other defects, and found them highly satisfactory in these respects. A drain consisting of eight lengths of straight pipe and three junction pieces was submitted to the crucial smoke test, which the pipes withstood in a most satisfactory manner; while a second drain of inferior pipes from another factory, when submitted to the same test, showed numerous defects in the pipes, through which the smoke escaped in large quantities.

I am, sir, yours very truly,

(Signed) RICHARD P. FLEMING,
M. Can. Soc., C. E., Engineer.

FROM J. A. U. BEAUDRY, ESQ., C. E.

Dominion Land Surveyor.

99 ST. JAMES ST., MONTREAL.

October 17th, 1884.

To the Standard Drain Pipe Company, St. Johns, P. Q.:

I have much pleasure in stating that the Tile Pipes we have received from you for the sewers of St. Cunegonde have proved superior in quality and appearance to those imported from Scotland.

(Signed) J. ALPHONSE BEAUDRY, C. E.,
Engineer in charge.

FROM C. SPROATT, ESQ., C. E.

City Engineer, Toronto.

CITY ENGINEER'S OFFICE,

Toronto, Jan. 8th, 1889.

Robt. Carroll, Esq., Agent Standard Drain Pipe Co.:

DEAR SIR,—The city will accept St. Johns pipe on the several city works subject to the same terms and conditions as other grades of pipe which are used on the city works are subjected to.

Yours truly,

(Signed) C. SPROATT,
City Engineer.

FROM J. L. STOKES, ESQ., C. E.

Engineer in charge Parkdale, (Toronto.)

OFFICE OF THE COUNTY ENGINEER AND Supt. OF YORK ROADS,
County Court House, Toronto, Dec. 10th, 1888.

To R. Carroll, Esq.:

DEAR SIR,—In reply to your question re St. Johns Sewer Pipes, I beg to say that in the town of Parkdale I used about 8000 feet of said pipe, (15 inch), the same having been furnished by you to Contractor Farly, and was well satisfied with them. I consider them a good, serviceable pipe.

I am yours, &c.,

(Signed) JOHN L. STOKES,
City Engineer.

CERTIFICATES. CONTINUED.

FROM RHODES, CURRY & CO.

Manufacturers and Builders.

AMHERST, N. S., Feb. 23, 1891.

To the Standard Drain Pipe Co., St. Johns, P. Q.:

In reply to your favor of 21st inst., we beg to say that we have been using for the past four years Drain Pipes, also Smoke Jacks and Wind-Guards, made by the Standard Drain Pipe Company of St. Johns, Que., and have had entire satisfaction with all goods we have used of above company's make.

Yours truly,

RHODES, CURRY & CO.

FROM JOHN MAGUIRE, ESQ.,

Private Drain Inspector

CITY ENGINEER'S OFFICE, TORONTO.

To the President Standard Drain Pipe Co., St. Johns:

DEAR SIR,—In reply to your request as to my opinion of your make of Drain Pipes, I have much pleasure in stating that I have used them and am using them daily. I consider them much better than any European Drain Pipe I have ever seen. As to their strength and durability, I have no hesitation in saying that I believe them to be unwearably and indestructible.

Respectfully yours,

(Signed) JOHN MAGUIRE,

Private Drain Inspector, Toronto, Ont.

FROM T. & T. LEBLANC.

Moncton, N. B., Feb. 23, 1891.

To the Standard Drain Pipe Company, St. Johns, P. Q.:

GENTLEMEN,—We beg to say that we have had thirteen years experience in constructing sewers, and in this time have used quantities of Salt-Glazed Pipes of various makes, and can recommend yours as being equally as good as any foreign make.

Yours respectfully,

T. & T. LEBLANC,

Sewer Contractors.

FROM E. BERRYMAN, ESQ.,

Chief Engineer Quebec Central Railway Company.

OFFICE OF THE CHIEF ENGINEER,

Sherbrooke, Nov. 12, 1890.

W. C. Trotter, Esq., Manager Standard Drain Pipe Company, St. Johns, Que.:

DEAR SIR,—I have much pleasure in stating that during the past two years I have used your Culvert Pipes on this Railway, in many places under fifteen-feet banks. Up to this date they have not shown the least sign of failure, but are giving entire satisfaction. I shall therefore continue their use.

Yours very truly,

E. BERRYMAN,

Chief Engineer.

FROM I. B. FUTVOYE, ESQ.:

Superintendent Central Vermont Railroad.

SUPERINTENDENT'S OFFICE,

St. Johns, P. Q., Feb. 17, 1892.

W. C. Trotter, Esq., Pres. Standard Drain Pipe Co., St. Johns:

DEAR SIR,—The Pipes that we purchased from you during last season for culverts on the northern division of our railroad have given good satisfaction, and we hope to give you further and larger orders during the coming season.

I am yours very truly

I. B. FUTVOYE.

Supt. C. V. R.R.

FROM E. W. RATHBUN, ESQ.

OFFICE OF THE KINGSTON, NAPANEE & WESTERN RY. CO.

Deseronto, Ont., March 7, 1891.

W. C. Trotter, Esq., President Standard Drain Pipe Company, St. Johns, P. Q.:

DEAR SIR,—Your favor of the 6th received. The Culvert Pipes furnished by your company for use on the Kingston, Napanee & Western R.R., have given excellent satisfaction. Should we require any more during the present season, we will gladly place the order with you.

Yours truly,

E. W. RATHBUN

FROM HIRAM DUNKIN, ESQ.

CAPE BRETON RAILWAY,

RESIDENT CHIEF ENGINEER'S OFFICE,

Hawkesbury, C. B., March 6, 1891.

W. C. Trotter, Esq., President Standard Drain Pipe Company, St. Johns, P. Q.:

DEAR SIR,—For answer to your letter of Feb. 16th, I have to say that your Pipes are and have been giving good satisfaction on this road. Some of these pipes are under 12 feet of embankment, and there is no failure as yet from crushing, nor do I think there will be.

Yours truly,

HIRAM DUNKIN.

FROM H. J. McGRATH, ESQ.,

DORCHESTER, N. B., Feb. 25, 1891.

To the Standard Drain Pipe Co., (Ltd.) St. Johns, Que.:

GENTLEMEN,—I recommend your make of Smoke Jacks for railway round-houses as being fully equal to any foreign make, also your manufacture of Salt-Glazed Pipes for sewers and culverts.

Yours, &c.,

H. J. McGRATH,

Government Inspector of Masonry.

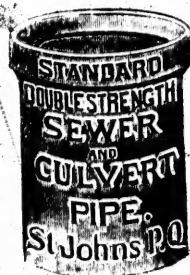
THE STANDARD DRAIN PIPE CO.,

ST. JOHNS, P. Q.

DOUBLE STRENGTH CAULVERT PIPE

Have been used

THE INTERCONTINENTAL RAILWAY
CANADIAN PACIFIC
KENTUCKY RAILROAD
CHICAGO & NORTH
WESTERN
GREAT EASTERN

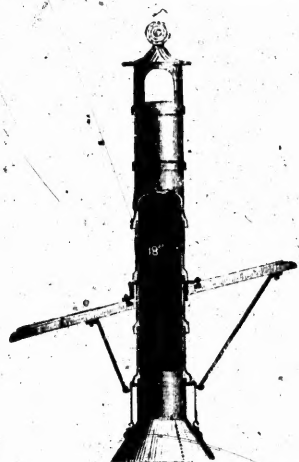


THE INTERCONTINENTAL RAILWAY
CANADIAN PACIFIC
KENTUCKY RAILROAD
CHICAGO & NORTH
WESTERN
GREAT EASTERN

P. G. PIERCE, INC., ST. JOHNS, P. O.

THOMAS D. KIN, ST. JOHNS, P. O.

For any of the above or other work, write to the St. Johns, P. O.



FIRE-CLAY SMOKE JACKS

LOCOMOTIVE ROUNDHOUSES.

These Smoke Jacks are superior to iron, being non-corrosive, always clean, not affected by the weather, and cheaper. The top piece is a Windward.

The Standard Drain Pipe Co. (Incorporated)

New York, St. Johns

ST. JOHNS, P. O.

